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REPORT UPON THE COLLECTION OF SLIDES.

BY D. S. KELLCOTT, PH. D.

The following is a revised list of the slides belonging to the Society. A number of those named in former lists have become worthless and have been dropped. These are mostly such as were mounted in fluid.

Since the preceding report, Mr. Chas. E. Alling has contributed a number of excellent vegetable preparations, for the most part sections stained and mounted in balsam. Dr. Jas. E. Reeves has also contributed examples of his skillful work. Two slides of ruling, heretofore in the possession of the Committee on Micrometry, are now placed in the collection.

The rules governing the custody of and circulation of these objects may be found at page 246 of the proceedings of the Cleveland meeting.

List of Slides.

- Acer rubrum* (23). Transverse section. (Carmine).
- Ærises odorata* (21). Transverse section of root. (Green).
- Aristolochia siphon* (24). Transverse section. (Aniline green).
- Ash (36). Transverse section. (Picro-carmine).
- Bacillus tuberculosis* (38).
- Bignonia capreolata* (22). Transverse section. (Picro-carmine).
- Black gum (*Nyssa multiflora*) (17). Transverse section. (Hæmatoxylin).
- Capsella bursa-pastoris* (1). Ovaries in various stages of development.
- Cereus grandiflora* (33). Transverse section. (Picro-carmine).
- “ “ (2). Transverse section of ovary.
- “ “ (3). Ovules with stigma and pollen-tubes.
- Chester's Method of Dry Mounting (27-29).
- Cristatella ophidioides* (26). Statoblast.
- Crustacea (30-32).
- Cuphea (5). Longitudinal and transverse sections of the ovary.

- Cypripedium longifolium* (34). Transverse section of flower-stem.
 Dry Mounts (27-29). Illustrating A. H. Chester's method with re-movable covers. (Proceedings Chicago Meeting, p. 143).
 Dutchman's pipe (24). Transverse section. (Aniline green).
 Epithelium of lips (39).
 Fasoldt's Micrometer Ruling (46). Compared by Professor T. C. Mendenhall.
 Fasoldt's Micrometer Ruling, No. 261 (47).
 " Test Plates (48). 5,000 to "200,000" lines to the inch.
Fraxinus *sp.* (36). Transverse section. (Picro-carmin).
 Gold (27). Crystals, fern-leaf form.
 " (28). Crystals, prismatic.
 " (29). Native and Petzite.
 Kidney, tip of tongue, etc., of fœtus (41).
Larix Americana (35). Transverse section. (Double stained).
Leptadora hyalina (30, 31 male, 32 female).
Magnololia grandiflora (25). Transverse section. (Double stained).
 Maple (23). Transverse section. (Double stained).
 Micrometers (46-48).
 Mistletoe (37). Transverse section of leaf. (Double stained).
Monotropa uniflora (6). Section of ovary.
 Nailor's consumption (42, 43).
Nyssa multiflora (17). Transverse section. (Hæmatoxylin).
 Oak (16). Transverse section of stem.
Oenothera biennis (7). Section of ovary.
 " (8). Stigma and pollen-tubes.
 Orchid (*Erides odorata*) (21). Transverse section of root. (Green).
 " (*Cypripedium longifolium*) (34). Section flower-stem.
 " (*Peristera elata*) (18). Section of leaf-stem.
Papaver somniferum (9). Transverse section of ovary.
Peristera elata (18). Section of leaf-stem.
Phoradendron flavescens (37). Transverse section of leaf. (Double stained).
 Pollen-tubes (1-15). Sections of various ovaries illustrating Mr. Kruttschnitt's views. (See Proceedings Rochester Meeting, p. 93, and Cleveland Meeting, p. 63).
 Polyzoa (26).
Portulacca oleracea (10). Section of ovary,
 " " (11). Section of stigma with pollen-tubes.
Pyrola elliptica (12). Ovules.
 Renal tube-casts (44).
 Statoblast of Polyzoa (26).
 Sumach (19). Transverse section of stem. (Aniline green).
 Tamarack (*Larix Americana*) (35). Transverse section. (Double stained).
Trichina spiralis (45). In human muscle, encysted and free.

Trifolium pratense (13). Ovary, style and stigma.
 Tube rose (20). Tranverse section of flower-stem.
Zinnia (14). Flowers with ovary.

REPORT OF TREASURER AND CUSTODIAN.

BY GEO. E. FELL, M. D.

PITTSBURGH, PA., Sept. 2, 1887.

RECEIPTS.

August 13th, 1886, balance cash in hand	\$517.85
Receipts from sale of Proceedings	108.75
Check from Chautauqua Association to pay expenses American Society of Microscopists.....	103.35
Admission fees, dues, etc.....	306.00
Total Receipts.....	<u>\$1,035.95</u>

DISBURSEMENTS.

August 13th, 1886, to August 30th, 1887, Postage, circulars, expressage, etc.....	\$200.57
Proceedings	648.85
Bill of Prof. F. A. P. Barnard for Centimeter Scale "A"	43.00
Total Disbursements.....	<u>\$892.42</u>
August 30, 1887, balance cash on hand.....	\$143.53

PITTSBURGH, Sept. 1, 1887.

The foregoing report has been examined and compared with the Treasurer's Account Books, and found correct. Vouchers for the expenditures, properly executed, are on file. Membership fees of the present meeting are not included.

C. M. VORCE,
 JAMES E. REEVES,
Committee.

Schedule of Property in the Hands of the Custodian.

AUGUST 30th, 1887.

Volumes 1 and 2. Buffalo and Indianapolis Proceedings.....	112
Volume 3. Detroit Proceedings	72
" 4. Columbus Proceedings, 1881	78